BRUHAT BANGALORE MAHANAGARA PALIKE, YELAHANKA ZONE

Executive Engineeer
Byatarayanapura Division
B.B.M.P., Bangalore - 92

ITEM - WISE SCHEDULE - B

Issued to :

Original / Duplicate
Item No. 36

Name of the Work :Improvements to Drain, Chain link fencing and construction of Gallery to Play ground at BEL layout 4th Block near Ganesh Temple in ward No 09 of Vidyaranyapura sub Division

Sl. No.	Quantity.	Description	Unit	Rates	
				In Figures	In Words
1	172.80	**Dismantling size stone masonry** in clay mortar and stacking the size stone within a radius of 50 m and removing the debris to a distance upto 200m, as per specifications .etc complete as per specifications and directions of engineer in charge of the work.	Cum	133.56	
2	154.28	Earthwork excavation for foundation of buildings, water supply, sanitary lines and electrical conduits either in pits or in trenches 1.5m and above in width, in ordinary soil not exceeding 1.5m. In depth including dressing the bottom and sides of pits and trenches, stacking the excavated soil clear from edges of excavation with lead upto 50m. after breaking of clods complete as per specifications. Specification. No. KBS 2.1(b) / 2.3.5 as per specifications .etc complete as per specifications and directions of engineer in charge of the work.	Cum	148.93	
3	66.46	KSRB-4-1.3 : Providing and laying in position plain cement concrete of mix **M 7.5 withOPC** cement at 180kgs, with 40mm and down size graded granite metal coarse aggregates @0.892cum and fine aggregates @0.57cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. KBS 4.1,4.2 as per specifications .etc complete as per specifications and directions of engineer in charge of the work.	Cum	4211.38	
4	101.25	KSRB 5.3-2 : Providing and **constructing granite / trap / basalt size stone masonry** in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. KBS 5.1.13 **)with available size stones** as per specifications .etc complete as per specifications and directions of engineer in charge of the work.	Cum	3936.84	
5	203.18	KSRB 5.3-2 : Providing and **constructing granite / trap / basalt size stone masonry** in basement with cement mortar 1:6, edges of stones chistle dressed in courses not less than 15 cms high, bond stones at two m. apart in each course including cost of materials, labour, curing complete as per specifications. as per specifications .etc complete as per specifications and directions of engineer in charge of the work.	Cum	5208.84	

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6	38.42	KSRB-4-1.6 : Providing and laying in position plain cement concrete of mix **M 15 withOPC cement** @ 240kgs, with 20mm and down size graded granite metal coarse aggregates @0.878cum and fine aggregates @0.459cum machine mixed, concrete laid in layers not, exceeding 15cms, thick, well compacted, in foundation and plinth, including cost of all materials, labour, HOM of machinery, curing complete as per specifications. Specification No. as per specifications .etc complete as per specifications and directions of engineer in charge of the work.	Cum	4690.50	
7	378.00	**Providing flush pointing** to square rubble, course or uncoursed stone masonry with cement mortar 1:3, 20 mm deep, after raking joints to depth of 20mm nicely lining, including cost of materials, labour, curing complete as per specifications .etc complete as per specifications and directions of engineer in charge of the work.	Sqm	78.44	
8	83.92	**Providing and laying cement concrete** using 20mm and down size granite course aggregates and fine aggregates of **ready mixed concrete for R.C.C works** laid in 15cms thick layers and well compacted including vibrating curing etc., including smooth finish in CM 1:3,with all lead and lift etc., complete. (exclusive of cost of steel and fabrication charges) Ready mixed cement concrete for Beams, column, Staircase and Roof with M-20(cement -320 Kg/Cum) as per specifications .etc complete as per specifications and directions of engineer in charge of the work.	Cum	6348.34	
9	83.92	KSRB 4.9.2:**Providing T.M.T steel reinforcement for R.C.C work** including straightening, cutting, bending, hooking, placing in position, lapping and / or welding wherever required, tying with binding wire and anchoring to the adjoining members wherever necessary complete as per design (laps, hooks and wastage shall not be measured and paid) cost pf materials, labour, HOM of machinery complete as per specifications.Specification No. KBS 4.6.3 -do- for TMT Bars Fe 415 as per specifications .etc complete as per specifications and directions of engineer in charge of the work.	Qtl	7244.04	
10	172.80	KSRB 4-6.6 : **Providing and removing centering,** shuttering, strutting, propping etc., and removal of form work for **columns,** pillars, piers, post and struts, circular or curved in plan including cost of all materials, labour complete as per specifications. as per specifications .etc complete as per specifications and directions of engineer in charge of the work.	Sqm	836.34	
11	126.00	KSRB 4-6.7 : **Providing and removing centering,** shuttering, strutting, propping etc., and removal of form work for sides and soffits of **beams**, beam haunchings, cantilever girders, bressumers and lintels not exceeding 1 m in depth including cost of all materials, labour complete as per specifications .etc complete as per specifications and directions of engineer in charge of the work.	Sqm	239.56	
12	351.00	KSRB 4-6.11 : **Providing and removing centering**, shuttering, strutting, propping etc., and removal of form work **for stairs** (excluding landing) except spiral staircase including cost of all materials, labour complete as per specification. Specification NO KBS 4.6.2 as per specifications .etc complete as per specifications and directions of engineer in charge of the work.	Sqm	460.04	

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13	1905.75	Fabricating supplying and erecting **M.S. TubulerTruss of span upto 10m** bottom and top member is provided with 50x50x6mm double equale angles, welded back to back and in between top and bottom line, in ereas of mid section is provided with 50x50x6mm equal single angle for vertical and inclined members and at supporting ends 40x40x5mm single angle is provided all the members are weldeded togeher with 6mm gusset plate as per drawing, Nos CBS/SD/K-mantap/9/MND/97. The enter truss is anchored in RCC column buy using 4Nos of M.S anchor bolts at eacth support, with 10mm thick base plate and shoe plate. The work includes cutting, straightening , pacing in position of M.S angle and welding wherever necessary, and applying one of red oxide primer coat to all the members including cost of all materials, labour charges,and higher charges of mechineries for cutting welding, granding and erection equipments, etc, complete as per specification. as per specifications .etc complete as per specifications and directions of engineer in charge of the work.	Kgs	125.08	
14	144.00	Providing Meta color sheet roofing with J or L hooks, bolts and nuts 8mm dia C.I plain and bitumen washers over the existing purlins, rafters and trusses includeing cost of materials, labour, complete as per specifications. as per specifications .etc complete as per specifications and directions of engineer in charge of the work.	sqm	1200.00	
15	460.00	Providing **chain link fencing 50mm size of 8 guage** properly stretched between rectangular poles and fixed with suitable bolts & nuts, the free ends shall be welded to the pole and block pipe at top and bottom as required including cost of all materials, labour, lead and lifts, cutting, bending wherever necessary, wastage and lapping etc complete as per direction of the Engineer-in-charge of work including **two coats of approved quality paint** over one coat of shop paint as per specifications .etc complete as per specifications and directions of engineer in charge of the work.	sqm	644.48	
16	211.20	Supplying and fixing **M.S. Rectangular poles** made out of 2 equal angles of **65x65x6 mm** welded together and fixed in CC (1:2:4) WITH 2 NOS 16mm dia M.S. hold fast rods each of length 25 cms. Including cost of all materials cutting, bending scaffolding wherever necessary, nicely finishing the welded joints with all lead and lift and as per the directions of the Engineer-in-charge of the work and including providing **2 coats of approved quality paint** over one coat of shop painting. (excluding cost of earth work and concrete as per specifications .etc complete as per specifications and directions of engineer in charge of the work.	mtr	1078.02	
17	690.00	Providing and fixing **M.S. Block pipe of 38mm dia,** of heavy guage of 14 including removing the bends, cutting the pipe, and fixing pipe in between the two verticle poles (M.S. rectangular poles) and spot welding the chain link with M.S. block pipe including cost of all materials wastage in cutting, and scaffolding wherever necessary with all lead and lift as directed by the Engineer-in-charge of work etc., complete including **two coats of approved quality pain**t over one coat of shop paint as per specifications .etc complete as per specifications and directions of engineer in charge of the work.	mtr	293.62	

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18	165.00	KSRB 15-18.3 : Providing and applying enamel metal paint one coat (excluding priming coat) on previously painted steel or other metal surface brushing to give an even shade after cleaning oil, grease, dirt and other foreign matter, including cost of materials, labour, complete as per specifications. as per specifications .etc complete as per specifications and directions of engineer in charge of the work.	sqm	47.70	
19	540.00	Fabricating, providing and erecting in poiston of **M.S Ornamental security Grill Gate** with out hot dip using75x12mm M.S flat for alround frame work with verticals at the centre and horizontal centere support M.S square of 20x20mm of different heights as shown in the draing are to be fixed at 16 cms c/c for square bars of full height and at 8cmsc/c for bottom rods providg ornamental CI designers at the botom and c I arrows in the middle and top. The entire frame work is to be fixed by means of expansion bolts to the brick pillars with necesary drilling holes. The work includes providing two coats of enamel painting over one coatr of red lead ready mix primer coat etc complet cost of all labour, painting, erection charges using hoist pulleycranes with all lead and lift, loading, transporting and unloading using hoist pulley cranes, scaffolding charges and all other incidental charges required for successful completion of the work as per specification and drawing, as per specifications .etc complete as per specifications and directions of engineer in charge of the work.	kgs	145.22	
20	1736.00	KSRB 2-1.1: Earth work in surface excavation in ordinary soil for **leveling and lowering** the ground manually (other than foundation of buildings, culverts, road drains and trenches of pipe line and cables) and removing the excavated stuff to a distance not exceeding 50m and lift upto 1.5m, excavated surface leveled and neatly dressed, disposed earth to be leveled after breaking of clods and neatly dressed as per specifications, Specification No KBS 2.1(a) / 2.3.1 as per specifications .etc complete as per specifications and directions of engineer in charge of the work.	cum	124.02	

I am prepared to execute the above mentioned work written by me in Schedule - B

Contractor Signature

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